(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 6 May 2005 (06.05.2005)

PCT

(10) International Publication Number WO 2005/041565 A1

(51) International Patent Classification⁷:

.

H04N 5/235

(21) International Application Number:

PCT/EP2004/011593

(22) International Filing Date: 15 October 2004 (15.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03/12431

24 October 2003 (24.10.2003) FR

(71) Applicant (for all designated States except US): EAST-MAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LEMOINE, Michel, Marie, René, Clotaire [FR/FR]; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR).

(74) Agent: WEBER, Etienne; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR). (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

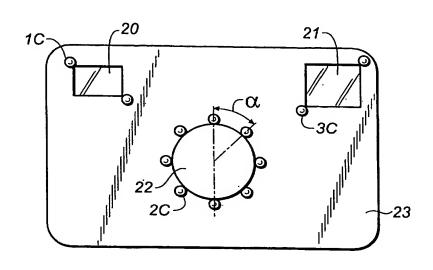
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CAMERA WITH LIGHT DETECTION MEANS



(57) Abstract: The invention relates to a device for detecting, at a given moment, a light difference between two light detection elements. The invention has application in the technical field of imaging, and more particularly in cameras comprising the invention device. The invention describes a device for detecting a light variation between two locations (20, 21, 22) placed on one surface of a camera body (23) and calculating a corresponding difference. The camera comprises light measuring cells (1C, 2C, 3C) arranged regularly around the viewer (20), the flash (21), and the lens (22). A light differential existing between two locations, for example between the viewer (20) and the lens (22), automatically generates a calculation of this light difference, to compare it with a set or reference value

(Vr). A warning device linked to the invention device is activated if the light difference exceeds the set value (Vr).